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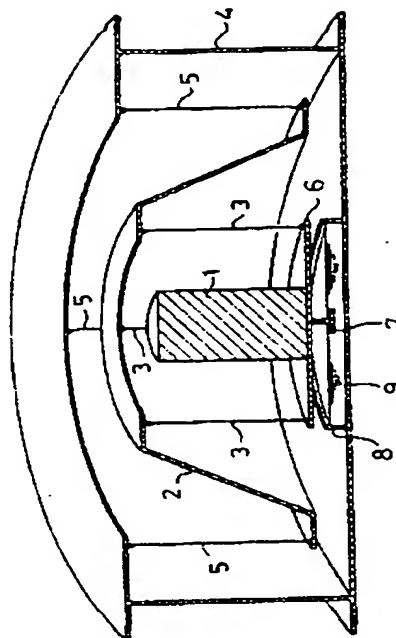
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TITLE : MULTISTAGE PENDULUM TYPE
DYNAMIC VIBRATION ABSORBER



ABSTRACT : PURPOSE: To contrive realization of a compact device by providing a No. 1 frame, holding a pendulum mass through a No. 1 suspending member, and a No. 2 frame, holding the No. 1 frame through a No. 2 suspending member, and by making vibration of the pendulum mass attenuate.

CONSTITUTION: A mounting board 6 to which a pendulum mass 1 is fixed is held by a No. 1 suspending member 3 to a No. 1 frame 2 installed inside and, at the same time, the frame 2 is held to a No. 2 frame 4, installed outside, by a No. 2 suspending member 5, and a dual suspension is formed thereby. To the underside of the mass 1, a resistance board 7 is protrudingly installed and is immersed into a viscous liquid 9. By effect of viscosity resistance developed between the resistance board 7 and the liquid 9, attenuation of the mass 1 is imparted to the device and, at the same time, swing cycle of the pendulum is made to be extended being suspended by plural-stage suspension. Therefore, a compact device with contracted vertical dimension becomes available.

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